

HAY FORAGE PRODUCTION

Hay forage production is the sum of all dry hay, haylage, and greenchop production after converting the haylage and greenchop production to a dry equivalent basis (13 percent moisture) by multiplying the green weight (weight at harvest) by 0.4943. The conversion factor (0.4943) is based on the assumption that one ton of dry hay is 0.87 ton of dry matter; one ton of greenchop is 0.25 ton dry matter and one ton of haylage is 0.45 ton dry matter.

The total haylage and greenchop production is assumed to be comprised of 90 percent haylage and 10 percent greenchop. Therefore, the conversion factor used to adjust production to a dry equivalent basis equals $((0.45 \times 0.9) + (0.25 \times 0.1)) \div 0.87 = 0.4943$. The factors assumed here may vary and can be adjusted. Adjustments would result in a slightly different conversion factor.

VERMONT HAY FORAGE: Acreage, Yield, and Production, 2002 – 2009

Year	Area Harvested	Yield per Acre	Production
	1,000 Acres	Tons	1,000 Tons
All Hay Forage ¹			
2002	380	3.08	1,172
2003	335	3.47	1,161
2004	340	3.06	1,042
2005	330	2.83	934
2006	335	2.70	904
2007	315	3.07	968
2008	310	2.95	913
2009	315	2.75	866
All Alfalfa Forage ²			
2002	100	3.37	337
2003	90	4.04	364
2004	85	3.67	312
2005	90	3.49	314
2006	85	3.55	302
2007	75	3.92	294
2008	75	4.00	300
2009	70	3.86	270
All Haylage and Greenchop ³			
2002	225	6.22	1,399
2003	185	7.77	1,437
2004	210	6.67	1,400
2005	190	6.31	1,198
2006	185	6.33	1,171
2007	170	6.74	1,145
2008	170	7.22	1,229
2009	165	6.67	1,100
Alfalfa Haylage and Greenchop ⁴			
2002	75	6.65	499
2003	70	8.20	574
2004	70	7.00	490
2005	70	7.00	490
2006	70	6.70	469
2007	65	7.10	462
2008	65	7.75	504
2009	55	7.20	396

¹ All hay forage production is the sum of the following dry equivalents: alfalfa hay harvested as dry hay, all other hay harvested as dry hay, alfalfa haylage and greenchop, all other haylage and greenchop; after converting alfalfa and all other haylage and greenchop to a dry equivalent basis.

² All alfalfa forage production is the sum of alfalfa harvested as dry hay and alfalfa haylage and greenchop production after converting it to a dry equivalent basis.

³ Includes all types of forage harvested as haylage or greenchop (green weight). Forage harvested as dry hay and corn and sorghum silage/greenchop are not included.

⁴ Includes only alfalfa and alfalfa mixtures that were harvested as haylage or greenchop (green weight). Alfalfa harvested as dry hay is not included.